



ELSEVIER

Colloids and Surfaces

A: Physicochemical and Engineering Aspects 190 (2001) 359

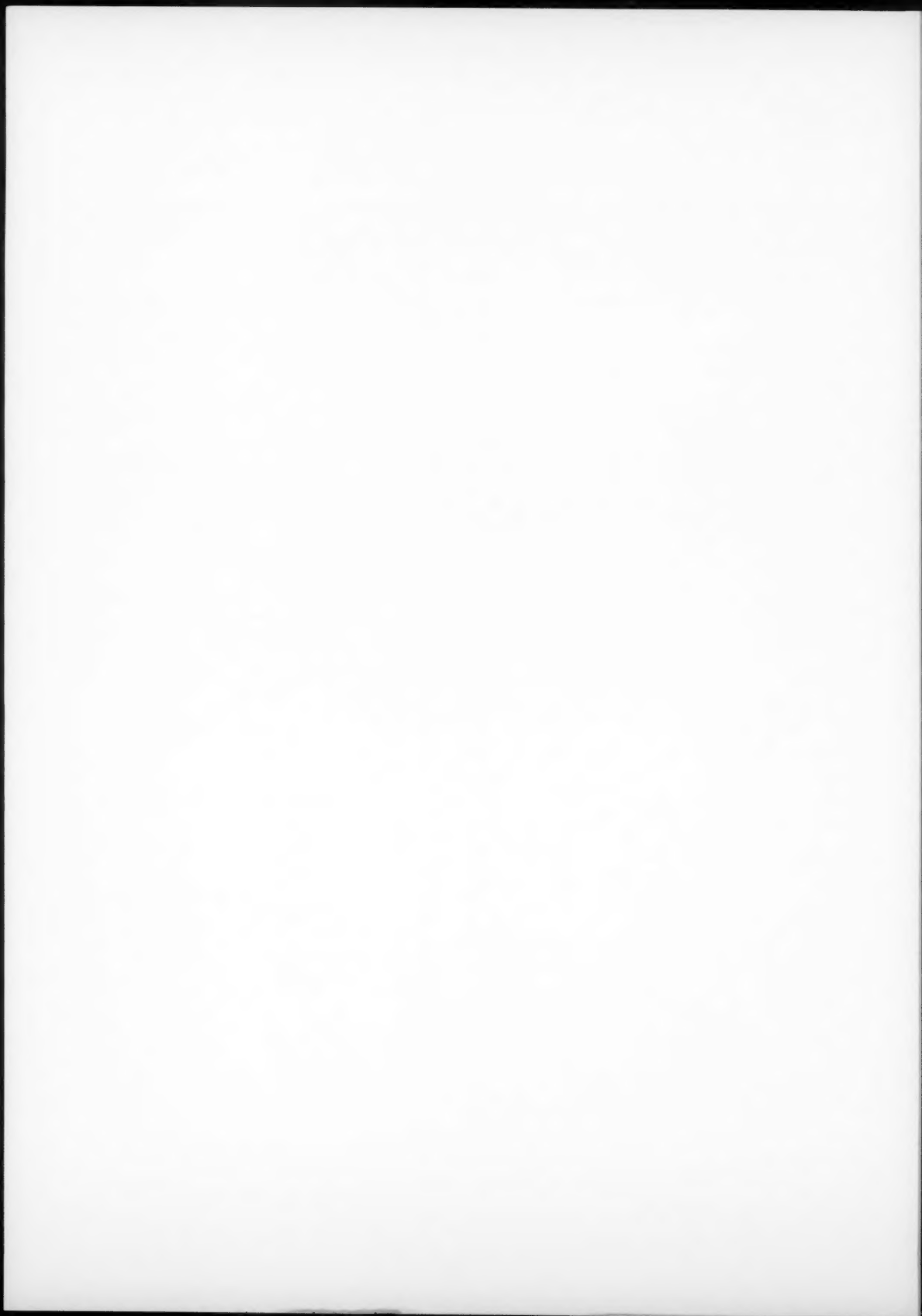
COLLOIDS
AND
SURFACES

A

www.elsevier.com/locate/colsurfa

Author Index

- Agamalian, M.M., 17
Aggarwal, D., 229
Alinec, B., 71
Al-Sagheer, F.A., 261
Angarska, J.K., 117
Arthur, S.E., 239
- Bansal, R.C., 229
Barnes, G.T., 145
Bartlett, P., 81
Basovsky, R., 129
Bednar, F., 71
Benattar, J.-J., 9
Brady, P.V., 239
- Cosgrove, T., 1
Csáki, K.F., 3
Csempesz, F., 3
- de Castro, B., 205
Deraz, N.-A.M., 251
Diakova, B., 61
Dixit, N.M., 47
Donath, E., 355
- Franses, E.I., 319
Frens, G., 193
- Gameiro, P., 205
Ganzuo, L., 275
García-Sucre, M., 111
Giannini, C., 295
Goyal, M., 229
- Haemers, S., 193
Harada, T., 17
Hasan, M.A., 261
Hauck, J., 99
Henderson, S., 81
- Hesterberg, D.A., 239
Huynh, L., 35
Hyun, J.C., 89
- Jenkins, P., 35
Jesionowski, T., 153
- Kaisheva, M., 61
Kekkonen, J., 305
Kim, C., 89
Kuckling, D., 185
Kulkarni, A.M., 47
Kuznetsov, Y.A., 129, 135
- Larsson, A., 185
Laukkanen, A., 305
Lima, J.L.F.C., 205
Limin, Z., 275
Lin, J.S., 17
- Manev, E.D., 117
Matos, C., 205
Matsuoka, H., 17
Mika, K., 99
Mitchell, S., 81
Moates, G.K., 167
Morris, G.E., 285
- Nedyalkov, M., 9
Nijman, E.J., 193
- Pandey, R.K., 217
Pasupulety, L., 261
Perosa, A., 295
Petkova, V., 9
Platikanov, D., 61
- Rattan, V.K., 229
Reis, S., 205
- Robins, M.M., 167
- Sawyer, D., 239
Schönhoff, M., 185
Selva, M., 295
Shinohara, T., 25
Smart, R.S.C., 285
Sogami, I.S., 25
So, J.-H., 89
Sonnefeld, J., 179
Stenius, P., 305
- Taylor, M.L., 285
Tenhu, H., 305
Timoshenko, E.G., 129, 135
Tripathi, D.N., 217
Tundo, P., 295
- Urbina-Villalba, G., 111
- Valli, L., 295
van Aken, G.A., 333
van der Leeden, M.C., 193
van de Ven, T.G.M., 71
- Watson, A.D., 167
Wen, X., 319
Wignall, G.D., 17
- Yamamoto, T., 17
Yamaoka, H., 17
Yang, S.-M., 89
- Zaki, M.I., 261
Zhang, P.-C., 239
Zhiwei, S., 275
Zhou, W.-Q., 239
Zukoski, C.F., 47





Subject Index

- Acemetacin, 205
Acoustophoresis, 35
Activated carbon, 229
Adsorption, 61, 185, 193, 229
Adsorption isotherm, 229
Aeration, 333
Agglomerate, 153
Aggregate, 129
Aggregate structures, 153
Aggregation, 193
Air/water interface, 319
Amphiphilic, 295

Barium, 239
Bentonite, 71
Binary colloidal dispersion, 17
Black films, 9
Bovine serum albumin (BSA), 319
Brownian dynamics, 111
Brownian motion, 81
BSA, 9

Calcium carbonate, 71
Calgon™, 285
Cationic polymers, 305
CeO₂, 261
Charged plates, 25
Charge stabilization, 89
Close packing, 333
Coalescence, 111
Coil-to-globule transition, 185
Colloidal alloy crystals, 17
Colloidal dispersion, 3
Competitive adsorption, 3
Copper, 251
Cream, 333
Creaming, 167
Critical thickness, 117

Delay time, 167
Depletion flocculation, 167

Deposition, 71
Diffusion, 185
Disjoining pressure, 61
Dispersant, 285
DMPC, 9
DMPG, 9
Dodecyl sulfonate betaine, 275

Electrostatic forces, 35
Emulsion, 153
Emulsions, 111, 167, 333
Equilibrium in monolayer penetration, 145
EXAFS, 239

Film thinning, 117
Foams, 333
Free energy, 25
Fullerene, 295

Gibbs elasticity, 117

Hard-sphere colloids, 81
Heteropolymer, 129
1H NMR, 185
Hydrodynamic and electrophoretic thickness of adsorbed layers, 3
Hydrodynamics, 81
Hydrophobic, 135

Indomethacin, 205
Induction time, 47
In situ FTIR spectroscopy, 261
Interactions, 99
Isoelectric point, 179

Langmuir–Blodgett film, 295
Latex, 17
LCST, 185
Liposomes, 205
Long-range attractoin, 25

- Mefp-1, 193
Mesoglobule, 129
Micelle, 129
Microscopy, 81
Microstructural transition, 89
Mixed oxide catalysts, 251
Monodispersity, 129
Monolayers, 145
Monte Carlo technique, 135
Montmorillonite, 239
Multilayer adsorption, 193
Mussel adhesive proteins, 193

n-(9-Anthroyloxy)-stearic probes, 205
Nonionic surfactant, 117
Nucleation rate, 47

Optical tweezers, 81
Overrun, 333

Particle interactions, 35
Penetration by surfactants, 145
Penetration equilibrium, 145
Penetration of monolayers, 145
Periodic zero potential surfaces (POPS), 99
Phosphates, 35
Phospholipids, 9
Pigment, 285
Pigment particles, 35
2-pK model, 179
Point of zero charge, 179
Poisson-Boltzmann equation, 25
Polyacrylamide, 71
Polyethylene oxide, 305
Polymer, 135
Polymer mixture, 3
Polyoxyethylene-polyoxypropylene-block copolymer, 61
Polyphosphate, 285
Polystyrene, 17
Precipitated silica, 153
Protein crystallization, 47
Pulp fibers, 71
Pulsed field gradients, 185
Pyridine adsorption, 261

Quasi-elastic light scattering, 275
Quenching, 205

Radium, 239
Reflectometry, 305
Rheological behaviour, 89
Rheological investigations, 35

Schulz distribution function, 217
Self assembly, 295
Silica suspension, 89
Simulation, 111
SiO₂-Al₂O₃, 261
Sodium bis(2-ethylhexyl) sulfosuccinate, 275
Soft and hard spheres, 89
Sorption, 239
Steric forces, 35
Structure factor, 217
Surface acid sites, 261
Surface film, 319
Surface groups, 229
Surface tension, 9, 117

Thermo mechanical pulp, 305
Thin wetting films, 61
Three-dimensional structures, 99
TiO₂, 261
Titania, 285
Transient gelation, 167
Triple layer model, 179

Ultra-small-angle neutron scattering, 17

Vermiculites, 25
Vesicle formation, 275

Whipping, 333
Wood resin emulsion droplets, 305

X-ray reflectivity, 9

Zeta potential, 35
Zinc oxide, 251
ZrO₂, 261

